

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

**San Angelo, TX**

## MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

**June**

**2010**

TO: Hydrologic Information Center, W/OS31  
NOAA's National Weather Service  
1325 East West Highway  
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

**July 14, 2010**

*When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).*

☒ An X inside this box indicates that no flooding occurred within this hydrologic service area.

Rainfall in June was generally scattered and left many areas across the hydrologic service area (HSA) with below average precipitation for the month. Areas receiving above average monthly rainfall include scattered portions of Crockett County, areas along a line from Rotan to Abilene, and areas along a Sonora to Winchell line.

The month began with thunderstorms and rain showers late on the 1<sup>st</sup> through the 2<sup>nd</sup> that was associated with an upper level disturbance moving across the region. Most of the rain was south of Interstate Highway 20 where scattered areas in northern Tom Green County, northern McCulloch County and southern Coleman County receive two to three inches of rain.

During the middle of the month, a weak cold front moved south across the region and initiated thunderstorms across much of the Big Country. Parts of Fisher County received over five inches of rain. Other areas from Haskell to Abilene to Albany received two to three inches of rain.

A wet pattern developed during the last week of the month where several weak upper level disturbances moved across the area interacting with a very moist airmass in place over west central Texas. Scattered showers developed almost daily from the 25<sup>th</sup> through 27<sup>th</sup> of the month. From the 28<sup>th</sup> through 30<sup>th</sup>, rain showers became more widespread. During the last week of June, scattered areas across the southern half of the HSA received over five inches of rain.

The average precipitation reported from coop observers in June was 2.40 inches. The highest monthly precipitation total of 6.33 inches was reported in southern Sutton County. Coop observers in Fisher and Sutton Counties received over four inches of rain in June.

The San Angelo Regional Airport received 1.96 inches of precipitation during June, which was 0.56 of an inch below normal for the month. The monthly normal rainfall for San Angelo in June is 2.52 inches.

The Abilene Regional Airport received 3.32 inches of precipitation during June, which was 0.26 of an inch above normal for the month. The monthly normal rainfall for Abilene in June is 3.06 inches.

Junction received 1.65 inches of rain during June. The estimated average monthly rainfall in June is about 3.75 inches.

**Coop Observer Rainfall Totals for June, 2010:**

<b>Station Name</b>	<b>Amount (in)</b>		<b>Station Name</b>	<b>Amount (in)</b>
Acton Ranch	1.73		Mertzon 12NNW	0.57
Albany	3.08		Ozona 22SE	2.46
Anson	2.90		Paint Rock	2.37
Ballinger 2NW	1.98		Putnam	2.64
Brady	3.14		Red Bluff Crossing	1.15
Brownwood	2.99		Robert Lee	2.07
Burkett	3.44		Roscoe	1.62
Coleman	2.32		Rotan	4.97
Concho Park	2.27		San Angelo WFO	1.86
Eden	3.02		Santa Anna 12SSE	2.99
Eldorado	1.51		Silver Valley	1.92
Eldorado 10W	3.43		Sonora	2.20
Fort Griffin	0.85		Stamford	2.37
Fort McKavett	1.73		Taylor Ranch	0.88
Glen Cove 2NE	2.53		Throckmorton 7NE	3.07
Hamlin	3.53		Water Valley	3.57
Haskell	2.76		Water Valley 11NE	1.17
Humble Pump	6.33		Winters	1.17
Junction 4SSW	2.01		Woodson	1.44
Mason	1.45			
Menard	2.08		(M) <i>Missing data</i>	
Merkel 12SW	2.70		(T) <i>Trace</i>	

**Reservoir Conditions (end of June, 2010)**

<b>Reservoir</b>	<b>Conservation Capacity (Ac-Ft)</b>	<b>End of Month Capacity (Ac-Ft)</b>	<b>Percent of Capacity (%)</b>
Fort Phantom Hill	70,030	60,550	86
Lake Stamford	52,700	52,700	100
Hubbard Creek Lake	317,800	214,060	67
Hords Creek Lake	8,800	35,40	44
Lake Brownwood	131,428	97,010	74
E.V. Spence	488,760	23,880	5
O.C. Fisher	119,200	3,260	3
O.H. Ivie	554,340	222,600	40
Twin Buttes	177,800	45,446	26

**Hydro Products Issued**

FFA = 7

FFW = 2

FFS = 2

FLS = 37 (Urban/Small Stream Advisory)

RVS = 1

ESF = 2 (Probabilistic Fcst)

The NWS precipitation analysis can be viewed at <http://water.weather.gov/>.

The total monthly precipitation estimate and percent of normal precipitation for June across the San Angelo HSA is depicted below.

